

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Al Yeung (35,432) on 5/18/2009.

The application has been amended as follows:

7. (Currently Amended) A method comprising:

identifying, by a computing device, a format of a binary file generated by a source application;

selecting, by the computing device, a set of user interface display specifications from a plurality of sets of user interface display specifications, based at least in part on the identified format of the binary file; and

processing, by the computing device, the binary file to generate a self-contained representation of user interface displays of said binary file rendered when contents of the binary file are viewed using the source application, by associating results of said processing of the binary file with the selected set of user interface display specifications, to enable viewing of the user interface displays independently of the source application; wherein each user interface display specification includes one or more transition rules

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specifying one or more transitions to one or more other user interface displays specified by one or more other user interface display specifications; [[and]]

wherein said processing further including launching by the computing device a locally accessible version of the application stored in the computing device; simulating by the computing device user input(s) to said application based at least in part upon said selected set of user interface display specifications; and storing by the computing device output(s) from said application in response to said user input(s),

attaching by the computing device said self-contained representation with an electronic message;

transmitting by the computing device said electronic message and said attached self-contained representation to one or more recipients for viewing, where the viewing includes rendering said user interface displays in accordance with said user interface display specifications and user input(s).

8. (Cancelled)

15. (Currently amended) A computer implemented method comprising:

receiving, by a computing device, an email message including an associated first attachment of a first attachment type; determining, by the computing device, whether said first attachment type is associated with a member of a group of one or more supported source applications;

selecting, by the computing device, a set of one or more user interface display specifications from a plurality of sets of one or more user interface display specifications, based upon said first attachment type if it is determined said first attachment type is associated with a member of said group of one or more supported source applications;

launching, by the computing device, a locally accessible version of the associated source application stored on the computing;

simulating, by the computing device, one or more user input signals based upon said selected set of one or more user interface display specifications; and

capturing, by the computing device, output responses of the associated source application to said one or more user input signals, and associating the captured output responses with the selected set of user interface display specifications to generate a self-contained representation of said first attachment to allow subsequent viewing of the attachment independently of the associated source application;

associating by the computing device said representation with said email message in the form a second attachment, replacing said first attachment;

encoding by the computing device said email message and said second attachment; and

transmitting said encoded email message and second attachment to a designated recipient.

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17. (Currently Amended) The method of claim 15, wherein said encoding comprises encoding the representation in accordance with the MIME protocol.

27.(Currently Amended) An article of manufacture comprising:

a storage medium having stored therein a plurality of programming instructions when executed render a computing device to perform:

identifying a format of a binary file generated by a source application;

selecting a set of user interface display specifications from a plurality of sets of user interface display specifications, based at least in part on the identified format of the binary file; [[and]]

processing the binary file to generate a self-contained representation of user interface displays of said binary file rendered when contents of the binary file are viewed using the source application, by associating results of said processing of the binary file with the selected set of user interface display specifications to enable viewing of the user interface displays independent of the source application;

wherein each user interface display specification includes one or more transition rules specifying one or more transitions to one or more other user interface displays specified by one or more other user interface display specifications, and

at least one processor coupled to the storage medium to execute the programming instructions;

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wherein said processing further including launching by the computing device a locally accessible version of the application stored in the computing device; simulating by the computing device user input(s) to said application based at least in part upon said selected set of user interface display specifications; [[and]]

storing by the computing device output(s) from said application in response to said user input(s);

attaching by the computing device said self-contained representation with an electronic message;

transmitting by the computing device said electronic message and said attached self-contained representation to one or more recipients for viewing, where the viewing includes rendering said user interface displays in accordance with said user interface display specifications and user input(s).

28. (Cancelled)

33. (Currently Amended) The article of manufacture of claim [[32]] 27, wherein each transition rule specifies transition to another user interface display specified by another specification when the user interface displays enter a particular user interface display states.

35.

(Currently Amended) An article of manufacture comprising:

a storage medium having stored therein a plurality of programming instructions
when executed render a computing device to

receive an email message including an associated first attachment of a
first attachment type,

determine whether said first attachment type is a member of a group of
one or more supported source applications,

selecting a set of one or more specifications from a plurality of sets of one
or more user interface display specifications, based upon said first attachment
type if it is determined said first attachment type is associated with a member of
said group of one or more supported source applications,

launch a locally accessible version of the associated source application
stored on the computing device,

simulate one or more user input signals based upon said selected set of
one or more user interface display specifications, and

capture output responses of the associated source application to said one
or more user input signals, and associate the captured output responses with the
selected set of user interface display specifications to generate a self-contained
representation of said first attachment to allow subsequent viewing of the
attachment independently of the associated source application;

associate said representation with said email message in the form a
second attachment replacing said first attachment;

encode said email message and said second attachment; and

transmit said email message and said second attachment to a designated recipient; and

at least one processor coupled to the storage medium to execute the programming instructions.

36. (Cancelled)

37. (Currently Amended) The method of claim [[36]] 35, wherein said encoding comprises encoding the representation in accordance with the MIME protocol.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

Applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104 (e). In this case, the substance of applicant's remarks in the Amendment filed on 3/13/2007, 5/27/2008, 2/18/2009, and 5/11/009 with respect to the amended claim limitations point out the reason claims are patentable over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DUYEN DOAN whose telephone number is (571)272-4226. The examiner can normally be reached on M-F 9:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on 571 272 3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/D. D./
Examiner, Art Unit 2452

/Kenny S Lin/
Primary Examiner, Art Unit 2452